

Application Data Sheet

Application Information

Application number::

Filing Date::

Application Type::

Regular

Subject Matter::

Utility

Title ::

AN AUDIO SIGNAL
PROCESSING CIRCUIT AND
A DISPLAY DEVICE
INCORPORATING THE
SAME

Attorney Docket Number:: 0756-7278

Total Drawing Sheets:: 14

Small Entity?:: No

Applicant Information

Applicant Authority Type:: Inventor

Primary Citizenship Country:: Japan

Given Name:: Kazuhiko

Middle Name::

Family Name:: MIYATA

Name Suffix::

City of Residence:: Habikino

State or Province of Residence:: Osaka

Country of Residence:: Japan

Street of mailing address:: c/o Sharp Kabushiki Kaisha
22-22, Nagaike-cho, Abeno-ku

City of mailing address:: Osaka-shi
State or Province of mailing address:: Osaka
Country of mailing address:: Japan
Postal or Zip Code of mailing address:: 545-0013

Applicant Authority Type:: Inventor
Primary Citizenship Country:: Japan
Given Name:: Jun
Middle Name::
Family Name:: KOYAMA
Name Suffix::
City of Residence:: Sagamihara
State or Province of Residence:: Kanagawa
Country of Residence:: Japan
Street of mailing address:: c/o Semiconductor Energy
Laboratory Co., Ltd.
398, Hase
City of mailing address:: Atsugi-shi
State or Province of mailing address:: Kanagawa-ken
Country of mailing address:: Japan
Postal or Zip Code of mailing address:: 243-0036

Applicant Authority Type:: Inventor
Primary Citizenship Country:: Japan
Given Name:: Hiroyuki
Middle Name::
Family Name:: MIYAKE

Name Suffix::
City of Residence:: Atsugi
State or Province of Residence:: Kanagawa
Country of Residence:: Japan
Street of mailing address:: c/o Semiconductor Energy
Laboratory Co., Ltd.
398, Hase
City of mailing address:: Atsugi-shi
State or Province of mailing address:: Kanagawa-ken
Country of mailing address:: Japan
Postal or Zip Code of mailing address:: 243-0036

Applicant Authority Type:: Inventor
Primary Citizenship Country:: Japan
Given Name:: Kei
Middle Name::
Family Name:: TAKAHASHI
Name Suffix::
City of Residence:: Atsugi
State or Province of Residence:: Kanagawa
Country of Residence:: Japan
Street of mailing address:: c/o Semiconductor Energy
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398, Hase
City of mailing address:: Atsugi-shi
State or Province of mailing address:: Kanagawa-ken
Country of mailing address:: Japan
Postal or Zip Code of mailing address:: 243-0036

Correspondence Information

Correspondence Customer Number :: 31780
E-Mail address:: erobinson@ripl.com

Representative Information

Representative Customer Number:: 31780

Domestic Priority Information

Application ::	Continuity Type::	Parent Application::	Parent Filing Date::

Foreign Priority Information

Country::	Application number::	Filing Date::	Priority Claimed::
Japan	2003-108629	04/14/2003	Yes

Assignee Information

Assignee name:: Semiconductor Energy
Laboratory Co., Ltd.
Street of mailing address:: 398 Hase
City of mailing address:: Atsugi-shi

State or Province of mailing address:: Kanagawa-ken

Country of mailing address:: Japan

Postal or Zip Code of mailing address:: 243-0036

Assignee name:: Sharp Kabushiki Kaisha

Street of mailing address:: 22-22, Nagaike-cho,
Abeno-ku

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Country of mailing address:: Japan

Postal or Zip Code of mailing address:: 545-0013